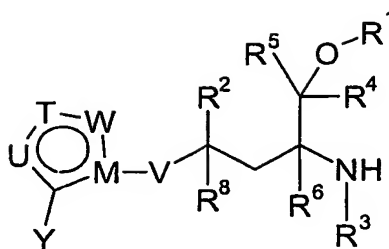


CLAIMS:

1. A compound of formula (I)



(I)

wherein:

- 10 Y represents C1 to 4 alkyl, C1 to 4 alkoxy, halogen, CN, C=CH, NO₂, CH₂OH, CHO, COCH₃, NH₂, NHCHO, NHCOCH₃ or NHSO₂CH₃; said alkyl or alkoxy group being optionally further substituted by one or more fluorine atoms;

- 15 T, U and W independently represent CX, N, NR¹³, O or S(O)_m, except that at least one of T, U and W must represent a heteroatom and except that not more than one of T, U and W may represent NR¹³, O or S(O)_m; m represents an integer 0, 1 or 2; and each X group independently represents H, C1 to 4 alkyl, C1 to 4 alkoxy, halogen, OH, SH, CN, C=CH, N(R¹⁴)₂, NO₂, CH₂OH, CHO, COCH₃ or NHCHO; said alkyl or alkoxy group being optionally further substituted by one or more fluorine atoms;

- 20 V represents NR⁷, O, CH₂, S(O)_n, OCH₂, CH₂O, NR⁷CH₂, CH₂NR⁷, CH₂S(O)_n, S(O)_nCH₂, CH₂CH₂ or CH=CH;

n represents an integer 0, 1 or 2;

M represents C, and when M is bonded to a CH₂ moiety in V, then M may also represent N;

5 R¹ and R⁸ independently represent H or Me.

R² represents C1 to 4 alkyl, C2 to 4 alkenyl, C2 to 4 alkynyl, C3 to 6 cycloalkyl or a 4 to 8 membered saturated heterocyclic ring incorporating one heteroatom selected from O, S and N; any of said groups being optionally further substituted by C1 to 4 alkyl, C1 to 4 alkoxy, C1
10 to 4 alkylthio, C3 to 6 cycloalkyl, halogen or phenyl; said phenyl group being optionally further substituted by one or more substituents selected independently from halogen, C1 to 4 alkyl, C1 to 4 alkoxy, CF₃, OCF₃, CN or NO₂;

or R² represents phenyl or a five or six membered aromatic heterocyclic ring containing 1
15 to 3 heteroatoms independently selected from O, S and N; said phenyl or aromatic heterocyclic ring being optionally substituted by one or more substituents selected independently from halogen, C1 to 4 alkyl, C1 to 4 alkoxy, OH, CN, NO₂ or NR⁹R¹⁰; said alkyl or alkoxy group being optionally further substituted by one or more fluorine atoms;

20 R³ represents H, C1 to 4 alkyl or C3 to 6 cycloalkyl; said alkyl group being optionally substituted by C1 to 4 alkoxy, halogen, hydroxy, NR¹¹R¹², phenyl or a five or six membered aromatic or saturated heterocyclic ring containing 1 to 3 heteroatoms independently selected from O, S and N; said phenyl or aromatic heterocyclic ring being optionally further substituted by halogen, C1 to 4 alkyl, C1 to 4 alkoxy, CF₃, OCF₃, CN or
25 NO₂;

R⁷ and R¹⁴ independently represent H or C1 to 2 alkyl;

$R^4, R^5, R^6, R^9, R^{10}, R^{11}$ and R^{12} independently represent H or C1 to 4 alkyl;

R^{13} represents H, C1 to 4 alkyl, CHO, COCH₃, SO₂CH₃ or CF₃;

5 or a pharmaceutically acceptable salt thereof.

2. A compound of formula (I), according to Claim 1, wherein V represents S(O)_n and n represents 0.

10 3. A compound according to Claim 1 or 2 wherein Y represents CN.

4. A compound of formula (I), according to Claim 1, which is:

3-[[[(1R,3S)-3-amino-4-hydroxy-1-phenylbutyl]thio]-2-thiophenecarbonitrile;

3-[[[(1R,3S)-3-amino-4-hydroxy-1-phenylbutyl]thio]-5-methyl-2-thiophenecarbonitrile;

15 or a pharmaceutically acceptable salt, enantiomer or racemate thereof.

5. A compound of formula (I), according to any one of Claims 1 to 4, or a pharmaceutically acceptable salt thereof, for use as a medicament.

20 6. A pharmaceutical composition comprising a compound of formula (I) according to any one of Claims 1 to 4, or a pharmaceutically acceptable salt thereof, in admixture with a pharmaceutically acceptable adjuvant, diluent or carrier.

7. The use of a compound of formula (I) according to any one of Claims 1 to 4, or a
25 pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment or prophylaxis of human diseases or conditions in which inhibition of nitric oxide synthase activity is beneficial.

8. The use as claimed in Claim 7 wherein it is predominantly inducible nitric oxide synthase
30 that is inhibited.

9. The use of a compound of formula (I) as defined in any one of Claims 1 to 4, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament, for the treatment or prophylaxis of inflammatory diseases.

5 10. The use as claimed in Claim 9 wherein the disease is inflammatory bowel disease.

11. The use as claimed in Claim 9 wherein the disease is rheumatoid arthritis.

12. The use as claimed in Claim 9 wherein the disease is osteoarthritis.

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13. The use of a compound of formula (I) as defined in any one of Claims 1 to 4, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament, for the treatment or prophylaxis of pain.

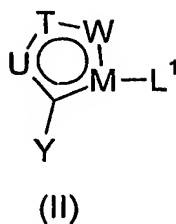
15 14. The use of a compound of formula (I) as defined in any one of Claims 1 to 4, or a pharmaceutically acceptable salt thereof, in combination with a COX-2 inhibitor, in the manufacture of a medicament, for the treatment or prophylaxis of inflammatory diseases.

20 15. A method of treating, or reducing the risk of, human diseases or conditions in which inhibition of nitric oxide synthase activity is beneficial which comprises administering a therapeutically effective amount of a compound of formula (I), as defined in any one of Claims 1 to 4, or a pharmaceutically acceptable salt thereof, to a person suffering from, or at increased risk of, such diseases or conditions.

25 16. A method of treating, or reducing the risk of, inflammatory disease in a person suffering from, or at risk of, said disease, wherein the method comprises administering to the person a therapeutically effective amount of a compound of formula (I), as defined in any one of Claims 1 to 4, or a pharmaceutically acceptable salt, enantiomer or racemate thereof.

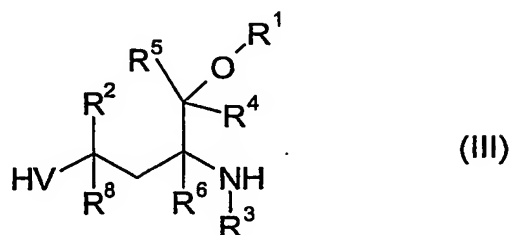
30 17. A process for the preparation of a compound of formula (I), as defined in any one of Claims 1 to 4, or a pharmaceutically acceptable salt, enantiomer or racemate thereof, wherein the process comprises:

(a) reaction of a compound of formula (II)



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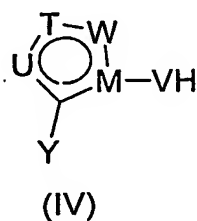
wherein T, U, W, Y and M are as defined in Claim 1 and L^1 represents a leaving group,
with a compound of formula (III)



10

wherein R^1 , R^2 , R^3 , R^4 , R^5 , R^6 , R^8 and V are as defined in Claim 1; or

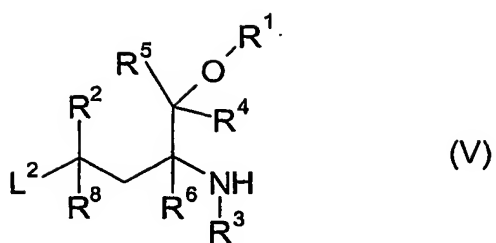
(b) reaction of a compound of formula (IV)



15

wherein T, U, W, M, Y and V are as defined in Claim 1,

20 with a compound of formula (V)



wherein R^1 , R^2 , R^3 , R^4 , R^5 , R^6 and R^8 are as defined in Claim 1 and L^2 is a leaving group;

- 5 and where desired or necessary converting the resultant compound of formula (I), or another salt thereof, into a pharmaceutically acceptable salt thereof; or converting one compound of formula (I) into another compound of formula (I); and where desired converting the resultant compound of formula (I) into an optical isomer thereof